

Water Vapor Concentrations at 100 % RH (c_{wv}) in $\mu\text{g cm}^{-3}$ for temperatures from 20 to 37°C in 0.1°C increments.

t °C	0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
20	17.298	17.404	17.501	17.606	17.711	17.816	17.921	18.025	18.130	18.234
21	18.339	18.443	18.555	18.659	18.771	18.875	18.986	19.097	19.209	19.320
22	19.431	19.542	19.653	19.771	19.882	20.000	20.110	20.228	20.346	20.464
23	20.515	20.699	20.816	20.934	21.051	21.176	21.293	21.417	21.534	21.659
24	21.783	21.907	22.016	22.155	22.286	22.409	22.533	22.664	22.795	22.918
25	23.049	23.179	23.310	23.440	23.570	23.708	23.838	23.975	24.105	24.242
26	24.379	24.516	24.652	24.789	24.926	25.069	25.206	25.349	25.486	25.629
27	25.772	25.915	26.059	26.202	26.344	26.494	26.637	26.787	26.937	27.086
28	27.236	27.385	27.535	27.684	27.840	27.989	28.145	28.301	28.450	28.606
29	28.761	28.924	29.080	29.235	29.398	29.560	29.722	29.884	30.046	30.208
30	30.370	30.532	30.690	30.869	31.031	31.199	31.367	31.543	31.711	31.879
31	32.054	32.221	32.396	32.571	32.745	32.920	33.101	33.275	33.457	33.631
32	33.812	33.992	34.173	34.354	34.541	34.722	34.909	35.096	35.276	35.470
33	35.657	35.844	36.031	36.224	36.418	36.611	36.804	36.997	37.190	37.383
34	37.583	37.782	37.982	38.181	38.380	38.580	38.779	38.984	39.190	39.396
35	39.601	39.807	40.012	40.224	40.429	40.641	40.853	41.064	41.276	41.494
36	41.705	41.923	42.141	42.359	42.576	42.794	43.018	43.235	43.560	43.683
37	43.907	44.138	44.361	44.592	44.815	45.045	45.275	45.511	45.741	45.977

Use the first column on the left to find the row for the temperature in degrees that you measured and then find the column farther to the right that reflects the appropriate tenth of a degree of temperature. For example the water vapor concentration at 24.6° would be 22.533 using the row assigned for 24° and the column and row for 0.6° degrees